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ON June 19, 2006

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A METHOD, AND ARTICLE OF THE METHOD, FOR FABRICATING A

FLEXIBLE, HOLLOW WAVEGUIDE

Cross-Reference to Related Application

This application is based on U.S. provisional patent application serial # no. 60/442,165 filed on January 23, 2003.

Field of the Invention

Field of the Invention

The present invention relates to waveguides and methods of making same, and more particularly to a flexible, rugged waveguide comprising a photonic, bandgap, hollow fiber, transmitting in the infrared and visible regions.

#### Background Of The Invention

The flexible waveguide of this invention is based upon technology disclosed in United States Patent Nos. 5,815,627; issued: September 29, 1998; 5,567,471, issued: October 22, 1996; and 5,440,664; issued: August 8, 1995, which technology and teachings are meant to be incorporated herein by way of reference. The aforementioned waveguide inventions have a common inventor, James Harrington, and a common assignee,

J.D.  
08/12/07